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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 2001\_1178

First Named Inventor : Edwin SOUTHERN et al.

Title: A METHOD FOR ANALYSING A POLYNUCLEOTIDE  
CONTAINING A VARIABLE SEQUENCE AND A SET OR ARRAY OF  
OLIGONUCLEOTIDES THEREFOR (AS AMENDED)

Express Mail Label No.:

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

- ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☐ Small Entity Status is hereby asserted.
3. ☒ Specification [Total Pages: 28]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Sequence Listing, a table, or a computer program listing appendix.
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets: 7]
5. ☒ Oath or Declaration [Total Pages : 2]
- a.1. ☐ Newly executed (original or copy)
- a.2. ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named  
in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet (see 37 CFR 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or computer program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)  
☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449  
☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other Claim of Priority and Cover Letter with 7 sheets of revised paper formal drawings showing Figs. 1-6.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet :

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No. 09/502,778

Prior Application Information: Examiner K. Horlick Group Art Unit 1656

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS



000513

PATENT TRADEMARK OFFICE

By:

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August 23, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Edwin SOUTHERN et al.

Serial No. NEW

Filed August 23, 2001

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Attn: Application Branch

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Attorney Docket No. 2001\_1178

A METHOD FOR ANALYSING A POLYNUCLEOTIDE  
CONTAINING A VARIABLE SEQUENCE AND A SET

OR ARRAY OF OLIGONUCLEOTIDES THEREFOR (AS AMENDED)

(Rule 1.53(b) Divisional of Serial No. 09/502,778,

Filed February 11, 2000)

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEE FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975.

PATENT OFFICE FEE TRANSMITTAL FORM

Assistant Commissioner for Patents,  
Washington, DC 20231

Sir:

Attached hereto is a check in the amount of \$710.00 to cover Patent Office fees relating to filing the following attached papers:

Rule 53(b) application ..... \$710.00

Additional Claims Fee:

Excess of Twenty ..... \$

Independent ..... \$

Multiple Dependent Fee ..... \$

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

*The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.*

Respectfully submitted,  
Edwin SOUTHERN et al.

By

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August 23, 2001

[Check No. 46099]

2001\_1178

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Edwin SOUTHERN et al. :  
Serial No. NEW : **Attn: Application Branch**  
Filed August 23, 2001 : **Attorney Docket No. 2001\_1178**

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(Rule 1.53(b) Divisional of Serial No. 09/502,778,  
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**SUBMISSION OF REVISED FORMAL DRAWINGS**

Assistant Commissioner for Patents,  
Washington, DC 20231

Sir:

There are submitted herewith seven sheets of paper formal drawings in the above-identified application showing Figs. 1-6.

The attached drawings have been revised to correct each item objected to by the Examiner and/or the Chief Draftsman.

Kindly substitute the attached formal drawings for those of record.

Respectfully submitted,  
Edwin SOUTHERN et al.

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